

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Previously Presented) An antenna comprising a conductive mast, a
2 conductive block carried by said mast, said block having a plurality of
3 bores therein, and conductive rods slidably received in at least some of
4 said bores.
- 1 2. (Original) The antenna of claim 1 further comprising a passageway
2 communicating with each said bore adapted to receive a set screw to
3 hold said rods at a selected position within said bores.
- 1 3. (Original) The antenna of claim 1 wherein said block includes an
2 additional bore to receive said mast and at least one passageway
3 communicating with said additional bore adapted to receive a set screw
4 to hold said block on said mast.
- 1 4. (Original) The antenna of claim 1 wherein said block is generally
2 cylindrical.
- 1 5. (Original) The antenna of claim 4 wherein said bores extend generally
2 chordally through said block.
- 1 6. (Previously Presented) An antenna of claim 5 wherein each said bore
2 forms comprising a mast, a generally cylindrical block carried by said
3 mast, said block having a plurality of bores therein, and conductive rods
4 slidably received in at least some of said bores, said bores extending
5 generally chordally through said block and forming opposed apertures in
6 said block, said apertures being approximately 120 degrees of each
7 other.

- 1 7. (Currently Amended) An antenna comprising a mast, a generally
2 cylindrical block carried by said mast, said block having a first set of three
3 axially spaced bores ~~therein~~ extending generally chordally through said
4 block, and conductive rods slidably received in at least some of said
5 bores.
- 1 8. (Original) The antenna of claim 7 wherein there is a second set of three
2 axially spaced bores, said bores of said second set each being axially
3 spaced from an adjacent bore of said first set of bores.
- 1 9. (Original) The antenna of claim 4 wherein said block includes an axial
2 bore to receive said mast.
- 1 10. (Original) The antenna of claim 1 further comprising a coil positioned on
2 said mast.
- 1 11. (Original) The antenna of claim 1 wherein each said bore forms opposed
2 apertures in said block and said rods extend out of said apertures
3 approximately an equal distance from said block.
- 1 12. (Original) The antenna of claim 1 wherein each said bore forms opposed
2 apertures in said block and said majority of the length of rods extend out
3 of one of said apertures.
- 1 13. (Original) A method of constructing an antenna having a mast carrying a
2 coil and a plurality of rods comprising the steps of identifying a desired
3 frequency of operation for the antenna, selecting the size of the coil and
4 the configuration of the rods which will provide approximately the desired
5 frequency, and constructing the antenna with the selected coil and rod
6 configuration.

- 1 14. (Original) The method of claim 13 wherein the step of selecting includes
2 the step of identifying the rod configuration which will provide
3 approximately the desired frequency using the smallest coil.
- 1 15. (Original) The method of claim 13 wherein the step of selecting includes
2 the step of selecting the number of rods in the configuration of rods.
- 1 16. (Original) The method of claim 15 wherein three rods or six rods can be
2 selected.
- 1 17. (Original) The method of claim 13 wherein the step of selecting includes
2 the step of selecting the position of the rods relative to the mast.
- 1 18. (Original) The method of claim 13 wherein the step of selecting includes
2 the step of selecting the length of the rods.
- 1 19. (Original) The method of claim 18 wherein the step of selecting includes
2 the step of selecting the number of rods in the configuration of rods.
- 1 20. (Original) The method of claim 19 wherein the step of selecting includes
2 the step of selecting the position of the rods relative to the mast.
- 1 21. (Original) The method of claim 13 further comprising the step of adjusting
2 the frequency of the antenna.
- 1 22. (Original) The method of claim 21 wherein the step of adjusting includes
2 the step of adding a stinger to the antenna.
- 1 23. (Original) The method of claim 21 wherein the step of adjusting includes
2 moving the rods relative to the mast.

- 1 24. (Original) A method of constructing an antenna having a mast carrying a
2 plurality of rods comprising the steps of selecting the number of rods,
3 selecting the length of the rods, and determining the positioning of the
4 rods relative to the mast.
- 1 25. (Original) The method of claim 24 wherein the selecting and determining
2 steps are dictated by the desired frequency of operation.
- 1 26. (Original) The method of claim 25 further comprising the step of selecting
2 a coil for the antenna based on selecting and determining steps.
- 1 27. (Original) The method of claim 24 further comprising the step of adjusting
2 the frequency of the antenna.
- 1 28. (Original) The method of claim 27 wherein the step of adjusting includes
2 the step of adding a stinger to the antenna.
- 1 29. (Original) The method of claim 28 wherein the step of adjusting includes
2 moving the rods relative to the mast.